

## **PHMC Contract Overview**

**R. G. Gallagher, President and Chief  
Executive Officer/(509) 376-3576**



*FFTF worker attending to dust cleanup*



*Working in Booster Station #2 for  
Hose-in-Hose System*



*Trench 7 Box Retrieval: Cranes  
Removing Sheet Pilings*



*Removal of crate #4 from  
212 N*



*Gamma radiation ground  
scan at BC Controlled Area*



*Plasma arc cutting of 241-Z D-6 tank*

## Overview

This section of the report is intended to provide an executive-level performance overview. Unless otherwise noted, all information is as of January 2007.

Included in this section are descriptions of significant accomplishments considered to have made the greatest contribution toward safe, timely, and cost-effective cleanup; progress against the contract with RL; project cost summary analysis; and overviews of safety and critical issues that identify the high-level challenges to achieving cleanup progress.

## Notable Accomplishments

### Nuclear Materials Stabilization and Disposition (Project Baseline Summary [PBS] RL-0011)

#### Disposition the Plutonium Finishing Plant (PFP) Facility

- Completed internal cleanout of gloveboxes HC-21-C and 179-4 in 234-5Z facility
  - Gloveboxes accepted by DOE
- Completed lay-up Performance Incentive work for the 26" vacuum line sampling and material removal from demister #1
- Completed load out of all 241-Z facility process pipe waste
- Completed plasma arc cutting of the 241-Z D-6 tank and initiated 241-Z D-6 tank cleaning
- Completed PFP's portion of the Air Operating Permit Semi-annual Report and certification package

### Spent Nuclear Fuel (SNF) Stabilization and Disposition (PBS RL-0012)

#### SNF Stabilization and Disposition (PBS RL-0012)

- **K East Containerization:** Completed final pass vacuuming of 226 cubicles in the center bay and completed demonstration of the Qualified Process (Center Bay was completed on February 11, 2007). The Decontamination and Decommissioning (D&D) group completed the Authorization Basis review for grouting hazards and issued a white paper on remaining sludge characterization (favorable effect on endpoint).
- **K West Retrieval:** Completed vacuuming in the Dummy Elevator Pit channel, completed removal of Canister Cleaning Station equipment, and suspended all drain valve covers and east bay racks in preparation for removal.
- **Hose-in-Hose (HIH) Transfer:** Recovered from high vibration shutdown and installed in-line strainers and restarted on January 25, 2007. Developed and implemented investigation and additional recovery actions with re-start date of February 21, 2007.

## **Notable Accomplishments, continued**

### **Spent Nuclear Fuel (SNF) Stabilization and Disposition (PBS RL-0012), continued**

- **Sludge Treatment Project (STP):**
  - Control Systems
    - General Service PLC Programming – 20 percent complete
    - Hardwired Safety Class Control System Design – 33 percent complete
  - Equipment Installation Packages – 11 percent complete
  - Performance Incentive (PI) Facility Modification Packages (FMPs)
    - Completed HNF-FMP-06-30300, "Remove CVDF Bay PWC Equipment"
    - 15 PI FMPs were 12 percent complete at time of RL directed hold on new starts
  - Nuclear Safety
  - RL approved Volume 2, Revision 0, of the Preliminary Document Safety Analysis (PDSA) addressing Corrosion System, Assay System, and Mobile Solidification System (MOSS). Approval included direction to hold all new procurements and Cold Vacuum Drying Facility (CVDF) construction starts until successful Critical Decision (CD)-3, "Readiness to Start Construction," review.

### **Solid Waste Stabilization and Disposition (PBS RL-0013) and Operate Waste Disposal Facility (PBS RL-0080)**

- Completed two shipments (22 m<sup>3</sup>) to the Waste Isolation Pilot Plant (WIPP) in January.
  - A backlog of 561 m<sup>3</sup> of certified waste was available for shipment at the end of January.
- Retrieved a total of 163 m<sup>3</sup> of suspect Transuranic (TRU) waste during the month.
- Dispositioned 105 m<sup>3</sup> of Mixed Low-Level Waste (MLLW) during January.

### **Safeguards and Security (PBS RL-0020)**

- Completed Patrol injury analysis for the period 2005-2006 in order to increase future injury prevention
- Implemented new protection strategy for PFP
- High Mast Lighting is operational at PFP

## **Notable Accomplishments, continued**

### **Soil and Water Remediation Groundwater/Vadose Zone (PBS RL-0030)**

- **Drilling**
  - Accepted 14 of the proposed 15 CY 2007 Tri-Party Agreement (TPA) wells
    - One CY 2007 TPA monitoring well is being drilled to help understand the depth and extent of the carbon tetrachloride in the 200-ZP-1 operable unit
    - Two CY 2008 TPA monitoring wells are being drilled
    - Issued a contract for the drilling of up to eight investigation boreholes in the 100-D area; drilling will begin in February
  - Awarded a 54-well decommissioning contract (of a total FY 2007 list of 90 wells); field work is planned to begin in February
- **River Corridor**
  - Maintained continuous K West treatment system operations under very cold weather conditions
    - System has treated ~2.6M gallons of groundwater
    - Full system operations began on January 29, 2007
  - Initiated Aquifer tube sampling during low-river conditions
- **Central Plateau**
  - Evaluated new monitoring data in B complex to understand groundwater movement
  - Provided cost, schedule and scope estimates for Technetium 99 (Tc99) extraction at T Farm
  - Completed Stakeholder/HAB workshops for the ZP-1 and PW-1 Feasibility Studies. Feedback has been very positive
- **Integration**
  - Distributed draft of the Hanford Site Annual Groundwater Report to RL and regulatory agencies to review
  - Completed Hanford Geotechnical Sediment Library move
  - Accepted seven TPA monitoring wells (2 ZP-1, 2 BP-5, 3 KR-4)

## **Notable Accomplishments, continued**

### **Nuclear Facility D&D, Remainder of Hanford (PBS RL-0040)**

#### **Central Plateau D&D:**

##### **200-UW-1 U Plant Zone Waste Site Remediation**

- Finalized 241-U-361 settling tank core sampling bridging system requirements
  - No bridge will be needed to obtain samples

##### **200 North Sites – Remove, Treat and Dispose (RTD)**

- SAP approved by the U.S. Environmental Protection Agency (EPA) on January 17, 2007

#### **U Plant**

- Fate and Transport Modeling contract for the Waste Acceptance Study was awarded
- Technical support contract for Cell 30 Vessel Contents Removal was awarded
- Statement of Work for Grout Engineering Consulting Services for Canyon Void Fill and Grout Study was issued

#### **212-N Facility**

- Reinforced and retrieved two more crates (#9 and #4). Three out of 15 crates were retrieved
- Fabrication of the transportation containers for crate shipments was awarded, and is progressing ahead of schedule

#### **Deactivation and Decommissioning**

- Completed demolition of ten miscellaneous structures

#### **Waste Sites Remediation**

- Completed Stakeholder/Hanford Advisory Board (HAB) workshops for the PW-1 Feasibility Study
- The UR-1 Project team safely completed 54 geophysical logs in the BC Controlled Area
- Downposting surveys in the BC Controlled Area have been completed for the southern portion of the site and are ~50 percent complete in the west area

#### **Reliability Projects:**

- Kickoff meetings were held for several projects:
  - L-429, *12-Inch Water Line Mortar Lining along 4th Street from Baltimore to Canton*
  - L-515, *Chip Seal from Route 4S between Wye Barricade and Route 11A*
  - L-612, *230kV Line Re-Armor*
  - L-615, *273E Renovations*, functional design criteria
- Completed the 712 Building Alternative Study on January 24, 2007
  - The two preferred options include renovating the 712 Building to meet standards and a build-to-suit lease agreement for a compliant facility

## Notable Accomplishments, continued

### Nuclear Facility D&D, FFTF (PBS RL-0042)

#### Primary Heat Transport System (HTS) Valve Sodium Drain

- Preparations are underway to drain the sodium from the Primary HTS valves.
  - All required cells have been opened except for the loop 1 HTS cell (521).
  - Work platform installation in the various cells is continuing.
  - Planning for in-cell modifications (e.g., snubbers and structural steel) is continuing.

#### Fuel Offload

- All components and equipment from the 309 building IEM Cell Training Facility that may be required during the remaining fuel offload operations have been removed and stored in Fast Flux Test Facility (FFTF) facilities.

## Current Issues

### SNF Stabilization and Disposition (PBS RL-0012)

- **Completion of final pass and post transfer vacuuming is trending behind schedule due to delays in HII transfers.**  
Actions in Progress:
  - o Re-sequencing of vacuuming activities has improved the completion of final pass vacuuming to April (previously pushed to May).
  - o Continued debris removal has improved effectiveness of vacuuming rate and cleanliness of result. Very little re-depositing of sludge measured to date.
  - o Maintaining spare pumps and hose inventory to facilitate quick recovery from debris plugging or pump failure.
  - o Working to minimize the amount of "post-transfer" vacuuming required by using the additional characterization and actual basin condition information to show less residual curie content at completion of final pass.
- **HII transfers have been suspended while troubleshooting/recovering booster pumps for high vibration condition. A recovery plan has been formulated, delivered to RL on February 13, 2007, and includes:**  
Actions in Progress:
  - o Determination of root cause and initiation of actions required to return the system to operation as soon as possible, with appropriate modifications.
  - o System modifications include installation of duplex strainer, additional dilution water at tank outlet, vibration monitoring equipment, modified operating procedures (suction pressure trips), pump seal pressure recharge system. Recovery team established to provide 24/7 coverage that will ensure implementation of recovery plan.
  - o Obtaining all necessary technical resources to diagnose system performance problems and generate repair actions.
  - o Contingency planning includes pump replacement with modified impeller design and retrieval of sludge via alternative methods.
  - o Revised working schedule to incorporate transfer duration and coordinate with K East and K West activities to maintain progress to milestones.
  - o Replenishing spares inventory to facilitate continued quick repair cycle.
  - o Provided status notification to RL regarding Tri-Party Agreement (TPA) and Defense Nuclear Facilities Safety Board (DNSFB) milestones at risk on February 8, 2007.



## Current Issues, continued

### SNF Stabilization and Disposition (PBS RL-0012), continued

- FH notified RL on February 8, 2007, that due to the delays in sludge transfer, TPA milestone M-34-34, "Complete Removal of K East Sludge", due May 31, 2007, is at risk. A recovery plan for returning the transfer system to service was submitted to RL on February 13, 2007. This notification also applied to DNFSB milestones 2001-1-120E, "Complete Transferring Containerized Sludge from the K East Basin," and 2001-1-122E, "Complete Transferring Final Pass Sludge from the K East Basin," both due May 31, 2007.
- Revisions to the K East, K West, and HIH activities in response to emerging risks/mitigation actions will increase the utilization of Project Management Reserve (PMR) and project funds. (Specific discussion of sludge treatment risks/cost increases included in later section of brief.)
  - Actions in Progress:
    - o Have identified sources of additional funds and or scope adjustments that provide sufficient margin to repair and recover HIH system. Includes the tracking of deferrals and carryover liability.
    - o Close coordination with K Basins Closure (KBC) functional leads in order to identify all personnel and material expenditures.
    - o Continuous discussion with RL regarding scope deferrals or additional funds (several direct discussions/meetings).

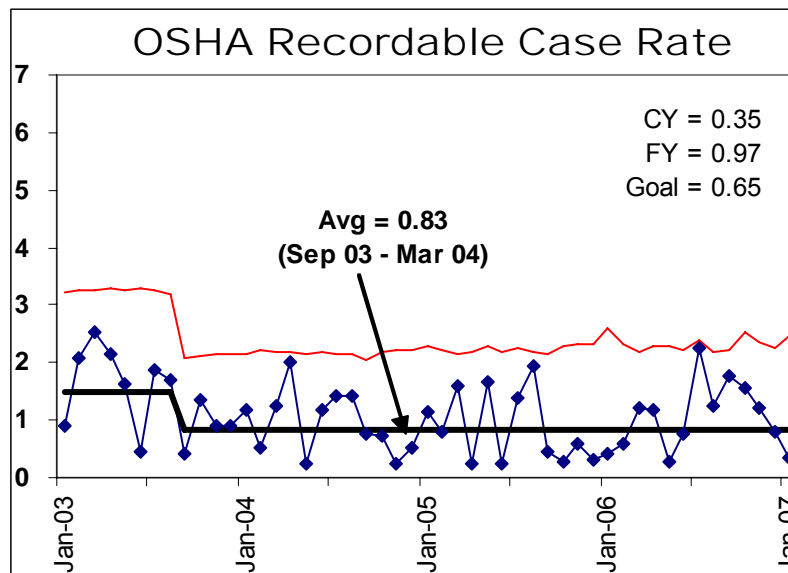
#### **Sludge Treatment:**

- **Impact of RL's January 29, 2007, directed hold on new procurements and CVDF construction starts until successful RL CD-3, "Readiness to Start Construction" review.**
  - Actions in Progress:
    - o Dialog with RL to reach agreement on requirements and schedule for successful CD-3 review.
    - o Planning initiated for preparation of baseline update required for RL CD-3 review.
    - o Impact of RL-directed changes (use of Design Basis Accident [DBA] analysis for safety basis; reduction in T Plant FY 2007 support for readiness to receive drums; final Remote Handled Transuranic Waste Authorized Methods for Payload Control [RH-TRAMPAC]; delayed RL approval of Volume 2, Revision 0 of STP PDSA; and December 2006 construction halt, etc.).
    - o Impacts will be addressed in baseline update required for CD-3 review.
    - o Impacts from need to revise British Nuclear Group America (BNGA) Control System design concept to comply with DOE CRD 420.1A requirements for Safety Class/Safety Significant control systems redundancy, independence, and separation. BNGA design of hardwired Safety Class/Safety significant control systems in parallel to Safety Class PLC on schedule for April 2007 completion.
    - o Impacts from STP resources diverted to support HIH recovery efforts.
    - o Impacts will be addressed in baseline update required for CD-3 review.

## Safety Overview

The focus of this section is to document trends in occurrences. FH continues to focus on improving safety through the efforts of the PHMC workforce as they implement the Integrated Environmental Safety and Health Management System, work towards achieving Voluntary Protection Program "Star" status, and accomplish work through enhanced work planning. Safety and health statistical data is presented below. The safety charts are reported according to Occupational Safety and Health Administration (OSHA) standards.

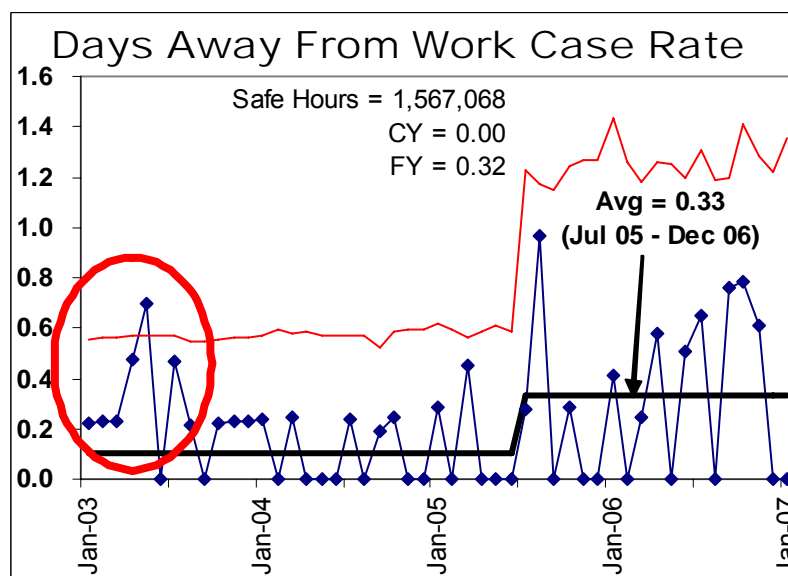
### Total OSHA Recordable Case Rate:



CY 2007 = 0.35  
FY 2007 = 0.97

In January there was only one OSHA Recordable injury reported. The monthly rate of 0.35 was well within the goal of 0.65 cases per 200,000 hours worked. After showing five months in a row of the number of cases being reduced, the average is stable, although at a rate higher than the goal.

### OSHA Days Away From Work (DAFW) Case Rate:



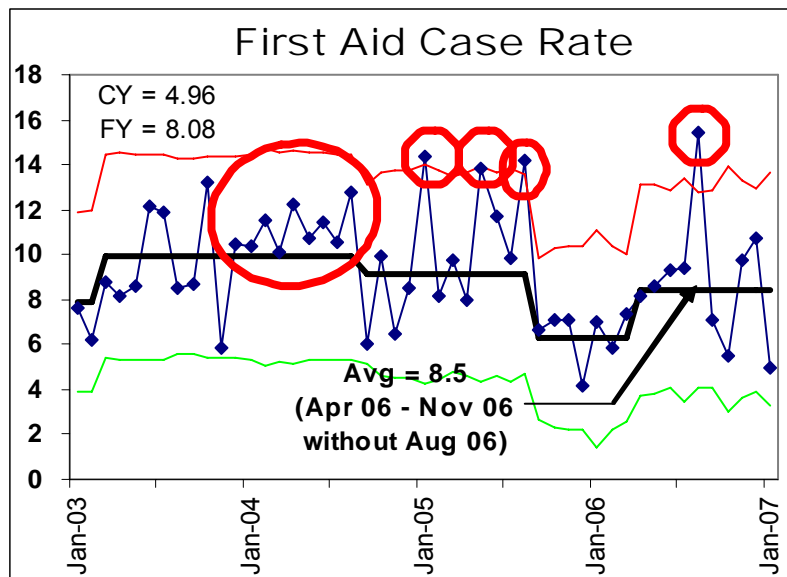
CY 2007 = 0.00  
FY 2007 = 0.32

Zero Days Away from Work (DAFW) injuries were reported in January following three months with DAFW injuries. Through the end of January, the total number of "safe" work hours equaled 1,567,068 hours.



## Safety Overview, continued

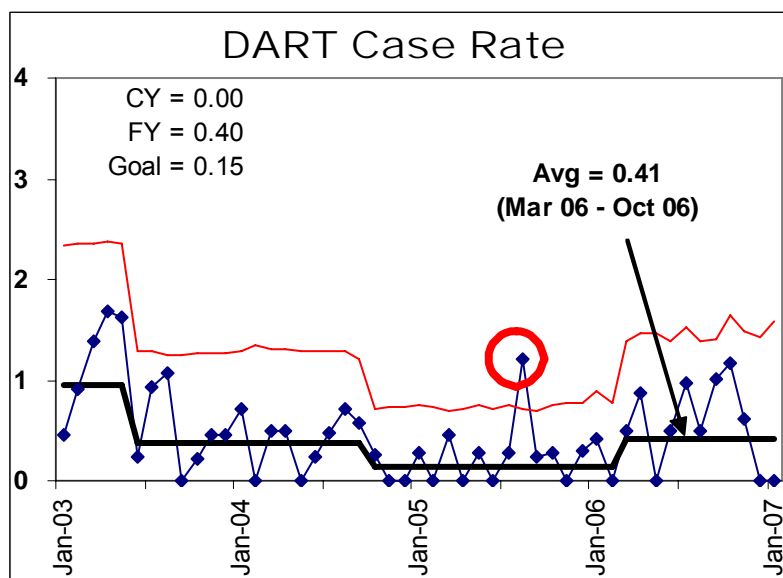
### First Aid Case Rate:



CY 2007 = 4.96  
FY 2007 = 8.08

In January, 14 First Aid cases were reported, in comparison to 38 cases in December. The majority of the cases were attributable to slips, trips and/or falls. The total number of FH First Aid cases for FY 2007 through January was 100.

### Days Away Restricted/Transferred Case Rate:



CY 2007 = 0.00  
FY 2007 = 0.40

The Fluor DART case rate remains stable, but at more than twice as high as the goal.

## FY 2007 FH Funds vs. Spend Forecast (\$M)

PBS Title	PBS	Projected FY 2007 Funding	January 2007 Fiscal Year Spend Forecast	Variance + Excess (-) Shortfall
SNF Stabilization and Disposition Storage Ops	HQ-0012X	\$0.1	\$0.1	\$0.0
Nuclear Materials Stabilization & Disposition	RL-0011	\$98.2	\$98.2	\$0.0
SNF Stabilization & Disposition	RL-0012	\$134.0	\$130.3	\$3.7
Solid Waste Stabilization & Disposition	RL-0013	\$199.9	\$198.2	\$1.7
Safeguards & Security	RL-0020	\$84.9	\$80.1	\$4.8
Soil & Water Remediation, Groundwater/Vadose Zone	RL-0030	\$79.6	\$79.6	\$0.0
Nuclear Facility D&D, Remainder of Hanford	RL-0040	\$69.3	\$66.5	\$2.9
FFTF Project	RL-0042	\$41.7	\$29.8	\$11.9
HAMMER	RL-0043	\$1.4	\$1.4	\$0.0
Operate Waste Disposal Facility	RL-0080	\$3.6	\$3.2	\$0.4
HAMMER	SR-MS100	\$0.2	\$0.2	\$0.0
<b>Total FH</b>		<b>\$712.9</b>	<b>\$687.6</b>	<b>\$25.2</b>

NOTE: Numbers rounded to nearest \$0.1M.

## FY 2007 Schedule/Cost Performance (\$M)

Fiscal Year To Date (\$M)	Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance \$	Schedule Variance %	Cost Variance \$	Cost Variance %	Budget At Completion
HQ-0012X SNF Stabilization and Disposition Storage Ops	\$0.0	\$0.1	\$0.1	\$0.1	0.0%	\$0.0	-17.2%	\$0.0
RL-0011 Nuclear Materials Stabilization & Disposition	\$27.2	\$33.3	\$28.5	\$6.1	22.5%	\$4.8	14.4%	\$91.8
RL-0012 SNF Stabilization & Disposition	\$36.2	\$33.6	\$34.6	-\$2.5	-7.0%	-\$1.0	-2.9%	\$114.8
RL-0013 Solid Waste Stabilization & Disposition	\$50.2	\$43.9	\$49.9	-\$6.3	-12.5%	-\$5.9	-13.5%	\$173.3
RL-0020 Safeguards & Security	\$24.2	\$24.3	\$23.8	\$0.1	0.5%	\$0.5	2.2%	\$78.4
RL-0030 Soil & Water Remediation, Groundwater/Vadose Zone	\$21.0	\$19.6	\$21.3	-\$1.5	-7.0%	-\$1.7	-8.9%	\$68.0
RL-0040 Nuclear Facility D&D, Remainder of Hanford	\$16.1	\$14.2	\$13.5	-\$1.9	-11.9%	\$0.7	5.1%	\$66.8
RL-0042 FFTF Project	\$8.8	\$9.3	\$9.0	\$0.5	5.7%	\$0.3	2.7%	\$29.8
RL-0043 HAMMER	\$0.0	\$0.3	\$0.5	\$0.3	0.0%	-\$0.2	0.0%	\$0.0
RL-0080 Operate Waste Disposal Facility	\$0.7	\$0.7	\$0.6	\$0.0	-6.2%	\$0.1	18.8%	\$3.1
HQ-MS100 HAMMER	\$0.0	\$0.0	\$0.1	\$0.0	0.0%	-\$0.1	0.0%	\$0.0
<b>Subtotal Sub-project Work scope</b>	<b>\$184.4</b>	<b>\$179.3</b>	<b>\$181.9</b>	<b>-\$5.1</b>	<b>-2.8%</b>	<b>-\$2.6</b>	<b>-1.4%</b>	<b>\$625.9</b>
4.4.6.1+.2 Request for Services & HAMMER RFSS	\$3.5	\$2.4	\$3.5	-\$1.1	-32.2%	-\$1.1	-48.8%	\$11.0
4.4.6.3 Work Orders from PNNL	\$2.6	\$2.7	\$2.2	\$0.1	2.7%	\$0.5	19.8%	\$6.9
4.4.6.6 Work Orders from BNI	\$0.0	\$0.0	\$0.0	\$0.0	1.8%	\$0.0	60.1%	\$0.1
4.4.6.7 Work Orders from CH2M HILL	\$9.0	\$9.2	\$8.7	\$0.2	2.1%	\$0.4	4.7%	\$29.8
4.4.6.9 Work Orders from AMH	\$0.1	\$0.1	\$0.1	\$0.0	0.0%	\$0.0	23.2%	\$0.3
4.4.6.10 Work Orders from ATL	\$0.0	\$0.0	\$0.0	\$0.0	0.0%	\$0.0	-31.6%	\$0.1
4.4.6.11 Work Orders from WCH	\$1.4	\$1.4	\$1.4	\$0.0	0.0%	\$0.0	-0.4%	\$4.0
<b>Total Work For Others</b>	<b>\$16.6</b>	<b>\$15.8</b>	<b>\$15.9</b>	<b>-\$0.9</b>	<b>-5.2%</b>	<b>-\$0.1</b>	<b>-0.9%</b>	<b>\$52.2</b>
<b>Total FH Contract Work scope</b>	<b>\$201.1</b>	<b>\$195.1</b>	<b>\$197.8</b>	<b>-\$6.0</b>	<b>-3.0%</b>	<b>-\$2.7</b>	<b>-1.4%</b>	<b>\$678.2</b>

Variance threshold is +/- \$1M or 10%

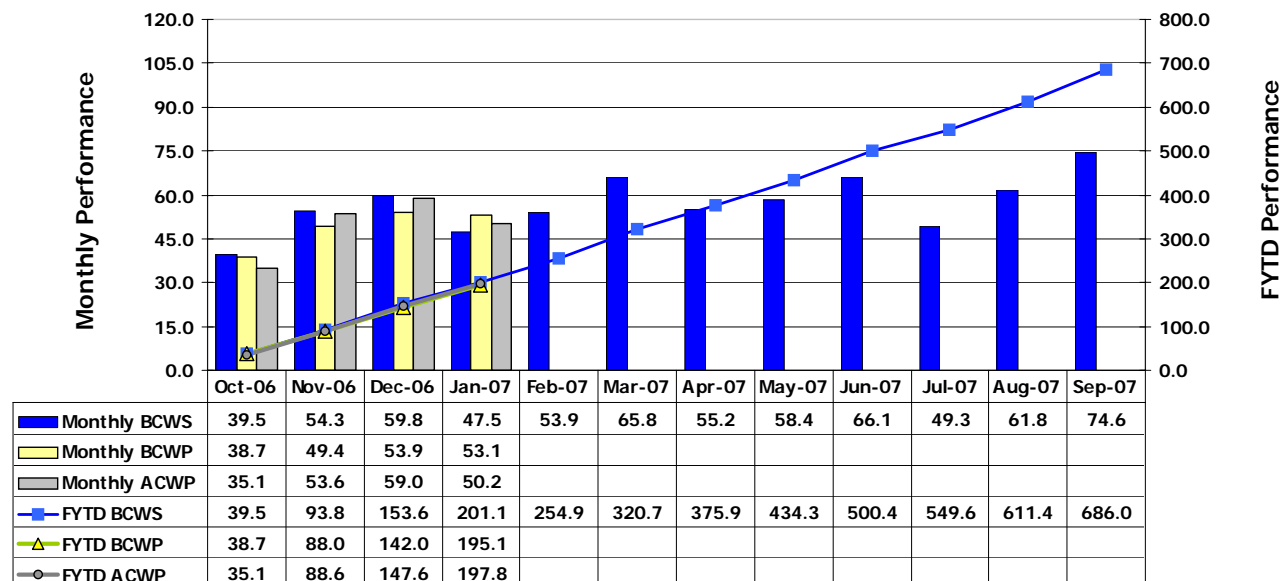
NOTE: Numbers rounded to nearest \$0.1M.

**Schedule Performance:** Fiscal year 2007 to-date schedule performance reflected a -\$6.0M/-3.0 percent unfavorable variance. The most significant schedule variances are discussed in Section D, *Nuclear Facility D&D, Remainder of Hanford*, and Section F, *Solid Waste Stabilization and Disposition*.

**Cost Performance:** Fiscal year 2007 to-date cost performance reflected a -\$2.7M/-1.4 percent unfavorable variance. The most significant cost variances are discussed in Section F, *Solid Waste Stabilization and Disposition*.

## FY 2007 Schedule/Cost Performance, continued

Performance Status  
FYTD and Monthly (\$M)



## Milestone Performance

Milestones represent significant events in project execution. Milestones are established to provide high-level visibility to critical deliverables and specific status on the accomplishment of these key events. Because of the relative importance of milestones, the ability to track and assess milestone performance provides an effective tool for managing the PHMC. FY 2007 milestone information is based upon the current baseline including RL-approved changes. Changes in both the number and type of milestones from month-to-month are the result of Baseline Change Requests (BCRs) approved during the year.

One Enforceable Agreement milestone, M-91-42I, "Treat 3,000 Cubic Meters Contact-Handled Transuranic Mixed Waste (CH-TRUM) by December 31, 2006," was not completed. Not included within the Fluor Hanford (FH) contract, the milestone's completion is projected outside of the FH contract term. The issues are currently being addressed through the TPA dispute resolution process.

NOTE: Because it is not a part of the FH contract, the milestone is not included in the table below.

MILESTONE TYPE	FISCAL YEAR-TO-DATE				REMAINING SCHEDULED			
	Completed Early	Completed On Schedule	Completed Late	Overdue	Forecast Early	Forecast On Schedule	Forecast Late	Total FY 2007
Enforceable Agreement	2	0	0	0	1	10	0	13
DOE-HQ	1	0	1	0	0	2	0	4
RL	0	0	1	0	1	3	0	5
Total FH	3	0	2	0	2	15	0	22

## Gold Metrics

Measure/Units		1st Qtr	Jan 2007	Feb 2007	Mar 2007	2nd Qtr	3rd Qtr	4th Qtr	FY 2007 To Date	FY 2007 Total
Nuclear Facility Completions (# of facilities)	RL Planned	-	-	-	-	-	-	3	-	3
	Actual	-	-	-	-	-	-	-	-	-
Radioactive Facility Completions (# of facilities)	RL Planned	-	-	-	-	-	-	-	-	-
	Actual	-	-	-	-	-	-	-	-	-
Industrial Facility Completions (# of facilities) *	RL Planned	-	-	-	-	-	1	3	-	4
	Actual	-	8	-	-	8	-	-	8	-
Remediation Complete (# of release sites)	RL Planned	-	-	-	-	-	-	-	-	-
	Actual	-	-	-	-	-	-	-	-	-
Spent Nuclear Fuel packaged for final disposition (MTHM)	RL Planned	-	-	-	-	-	-	-	-	-
	Actual	-	-	-	-	-	-	-	-	-
Transuranic Waste shipped for disposal at WIPP (cubic meters)	RL Planned	112	37	37	38	112	112	112	149	448
	Actual	119	22	-	-	22	-	-	141	-
Low-Level and Mixed Low-Level Waste disposed (cubic meters)	RL Planned	822	273	274	275	822	847	863	1,095	3,354
	Actual	197	133	-	-	133	-	-	330	-

Eight (8) Industrial Facilities were completed in January 2007:

Buildings 2231E, 2232E, & 2233E completed 1/3/07; 2710E completed 1/5/07; MO943 completed 1/6/07; MO991 completed 1/10/07; MO040 completed 1/21/07; and Building 607 completed 1/27/07.

## Government Furnished Services/Items

Listed below are the near-term RL action/commitments required to support FH's accelerated cleanup. Only data for the next 30 days (including any open GFS/I from prior periods) are shown. Items highlighted in "gold" reflect the affected Performance Incentive. Items in "pink" reflect an overdue status.

NOTE: GFS/I data is through February 27, 2007.

Reference ID	SOW Section	WBS Scope	Responsibility	Requirement	GFS/GFI	RL Letter No. & Date Completed	FH Submittal	FH Letter No. & Date Completed
GF0134	<a href="#">C.2.3.1.2.d</a> <a href="#">GFS/I</a>	<a href="#">WBS 4.1.4.1.2</a> <a href="#">Transition</a> <a href="#">FFTF</a> <a href="#">Complex</a> <a href="#">Transition</a> <a href="#">FFTF</a> <a href="#">Complex</a>	• FFTF Closure	<a href="#">DE-AC06-96RL13200</a> , <a href="#">C.2.3.1.2</a> , <a href="#">GFS/GFI</a>  <a href="#">DE-AC06-96RL13200, RL-042.1a(1)</a>	DOE will ensure that the INL facility is ready for receipt of the test pins Commitment: 10 March 2007			

## Contract Deliverables

Listed below are the near-term FH action/commitments required to support FH's accelerated cleanup. Only data for the next 30 days (including any open Contract Deliverables from prior periods) are shown. Items highlighted in "gold" reflect the affected PI. Items in "pink" reflect an overdue status. NOTE: All contract deliverable data is through February 27, 2007.

Reference ID	SOW Section	WBS Scope	Responsibility	Requirement	Deliverable	FH Letter No. & Date Completed	Needed GFS/GFI	RL Letter No. & Date Completed
CD0531	<a href="#">C.2.5.3.c DELIVERABLES/COMPLETIONS</a>	<a href="#">WBS 4.1.7.6 Groundwater Monitoring &amp; Performance Assessments</a> Monitoring and Assessing Groundwater Performance	• Soil and Water Remediation/Gr oundwater Vadose Zone and WSCF	<a href="#">DE-AC06-96RL13200.C.2.5.3.DELIVERABLES</a> <a href="#">DE-AC06-96RL13200.C.2.5.3.DELIVERABLES</a> <a href="#">DE-AC06-96RL13200.C.2.5.3.DELIVERABLES</a>	<b>Hanford Site Groundwater Monitoring Report Due: Annually in March</b>  Hanford Site Groundwater Monitoring Report (2007) Commitment: 1 March 2007 Planned: 1 March 2007			
CD0581	<a href="#">C.4.2.19.c DELIVERABLES/COMPLETIONS</a>	<a href="#">WBS 4.4.2 Financial Systems Accounting System</a>	• Business Services	<a href="#">DE-AC06-96RL13200.C.4.2.19.DELIVERABLES</a>	<b>Hanford Site Pension Plans and Savings and Investment Plans - Investment Performance Review Report Due: 60 days following the end of each quarter.</b>  Hanford Site Pension Plans and Savings and Investment Plans - Investment Performance Review Report (2nd Qtr 2007) Planned: 1 March 2007			
CD0114	<a href="#">C.4.2.41.c DELIVERABLES/COMPLETIONS</a>	<a href="#">WBS 4.3.5.6 Material Control and Accountability</a> Material Control and Accountability	• Safety & Health	<a href="#">DE-AC06-96RL13200.C.4.2.41.DELIVERABLES</a>	<b>Nuclear Material Accountability Transaction Data Report Due: Monthly</b>  Nuclear Material Accountability Transaction Data Report (Feb 2007) Planned: 13 March 2007			
CD0115	<a href="#">C.4.2.41.c DELIVERABLES/COMPLETIONS</a>	<a href="#">WBS 4.3.5.7 Safeguards &amp; Security Program Management Safeguards &amp; Security</a>	• Safety & Health	<a href="#">DE-AC06-96RL13200.C.4.2.41.DELIVERABLES</a>	<b>Nuclear Material Balance Report Due: Monthly</b>  Nuclear Material Balance Report (Feb 2007) Planned: 15 March 2007			
CD0300	<a href="#">C.4.2.52.c DELIVERABLES/COMPLETIONS</a>	<a href="#">WBS 4.3.1.1.3 Water Compliance and Sampling Utilities Operations and Maintenance--Water Compliance and Sampling</a>	• Closure Services and Infrastructure	<a href="#">DE-AC06-96RL13200.C.4.2.52.DELIVERABLES</a>	<b>200E, 200W, 400 Area Drinking Water Report Due: Monthly</b>  200E, 200W, 400 Area Drinking Water Report (Feb 2007) Planned: 10 March 2007			
CD0288	<a href="#">C.5.1.1.c DELIVERABLES/COMPLETIONS</a>	<a href="#">WBS 4.4.3.3 Environmental Protection</a> Environmental Protection	• Regulatory Compliance	<a href="#">DE-AC06-96RL13200.C.5.1.1.DELIVERABLES</a>	<b>National Pollutant Discharge Elimination System Discharge Monitoring Report Due: Monthly</b>  National Pollutant Discharge Elimination System Discharge Monitoring Report (Feb 2007) Planned: 25 March 2007			
CD0152	<a href="#">C.5.1.1.c DELIVERABLES/COMPLETIONS</a>	<a href="#">WBS 4.4.3.3 Environmental Protection</a> Environmental Protection	• Regulatory Compliance	<a href="#">DE-AC06-96RL13200.C.5.1.1.DELIVERABLES</a>	<b>Portable and Temporary Radioactive Air Emission Units (PTRAEU) &amp; Heating &amp; Ventilation Units(HVU Annual) Report Due:</b>  RCRA Section 3016 Report Portable and Temporary Radioactive Air Emission Units (PTRAEU) & Heating & Ventilation Units(HVU Annual) Report (2007) Planned: 15 March 2007			

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## Contract Deliverables, continued

Reference ID	SOW Section	WBS Scope	Responsibility	Requirement	Deliverable	FH Letter No. & Date Completed	Needed GFS/GFI	RL Letter No. & Date Completed
CD0182	<a href="#">C.5.1.3.c DELIVERABLES/COMPLETIONS</a>	<a href="#">WBS 4.4.3.7 Nuclear Safety</a> Nuclear Safety	• Regulatory Compliance	<a href="#">DE-AC06-96RL13200, C.5.1.3, DELIVERABLES</a>	<b>Unreviewed Safety Question Summary Report for each FH managed category 1,2, and 3 nuclear facilities Due: Annually</b>			
					Unreviewed Safety Question Summary Report for Solid Waste Operations Complex (including LLBG, CWC, T Plant, and WRAP) (2007) Planned: 18 March 2007			
CD0597	<a href="#">C.5.1.3.c DELIVERABLES/COMPLETIONS</a>	<a href="#">WBS 4.4.3.7 Nuclear Safety</a> Nuclear Safety	• Regulatory Compliance	<a href="#">DE-AC06-96RL13200, C.5.1.3, DELIVERABLES</a>	<b>Updated Documented Safety Analysis for each Contractor managed Category 1, 2, and 3 nuclear facility. Due: Annually</b>			
					Master Documented Safety Analysis (MSA) for the Solid Waste Operations Complex (including LLBG, CWC, T Plant, and WRAP) (2007) Planned: 18 March 2007			
CD0179	<a href="#">C.5.3.1.c DELIVERABLES/COMPLETIONS</a>	<a href="#">WBS 4.4.2 Financial Systems Accounting System</a>	• Business Services	<a href="#">DE-AC06-96RL13200, C.5.3.1, DELIVERABLES</a>	<b>Contract Funds Status Report Due: Monthly</b>			
					Contract Funds Status Report (Feb 2007) Planned: 26 March 2007			
CD0271	<a href="#">C.5.3.1.c DELIVERABLES/COMPLETIONS</a>	<a href="#">WBS 4.4.2 Financial Systems Accounting System</a>	• Business Services	<a href="#">DE-AC06-96RL13200, C.5.3.1, DELIVERABLES</a>	<b>Depreciation Charges Due: Monthly</b>			
					Depreciation Charges (Feb 2007) Planned: 10 March 2007			
CD0173	<a href="#">C.5.3.1.c DELIVERABLES/COMPLETIONS</a>	<a href="#">WBS 4.4.2 Financial Systems Accounting System</a>	• Business Services	<a href="#">DE-AC06-96RL13200, C.5.3.1, DELIVERABLES</a>	<b>Financial Information System (FIS) Management &amp; Reporting System (MARS) Due: Month-End Deadlines</b>			
					Financial Information System (FIS) Management & Reporting System (MARS) (Feb 2007) Planned: 10 March 2007			
CD0281	<a href="#">C.5.3.1.c DELIVERABLES/COMPLETIONS</a>	<a href="#">WBS 4.4.2 Financial Systems Accounting System</a>	• Business Services	<a href="#">DE-AC06-96RL13200, C.5.3.1, DELIVERABLES</a>	<b>Fluor Hanford, Inc., Cost Submittal FHXXXX Due: Monthly</b>			
					Fluor Hanford, Inc., Cost Submittal FHXXXX (Feb 2007) Planned: 10 March 2007			
CD0414	<a href="#">C.5.3.1.c DELIVERABLES/COMPLETIONS</a>	<a href="#">WBS 4.4.2 Financial Systems Accounting System</a>	• Business Services	<a href="#">DE-AC06-96RL13200, C.5.3.1, DELIVERABLES</a>	<b>Supplemental Compensation Report Due: Annually</b>			
					Supplemental Compensation Report (2007) Planned: 3 March 2007			
CD0169	<a href="#">C.5.3.4.c DELIVERABLES/COMPLETIONS</a>	<a href="#">WBS 4.4.4 PHMC Planning and Integration Contract Reporting (Baseline)</a>	• Project Systems & Support	<a href="#">DE-AC06-96RL13200, C.5.3.4, DELIVERABLES</a>	<b>Project Hanford Management Contract Performance Report Due: Monthly</b>			
					Project Hanford Management Contract Performance Report (Jan 2007) Planned: 28 February 2007			
					Project Hanford Management Contract Performance Report (Feb 2007) Planned: 29 March 2007			
CD0186	<a href="#">C.5.3.4.c DELIVERABLES/COMPLETIONS</a>	<a href="#">WBS 4.4.3.14 Work Force Services</a>	• Workforce Services	<a href="#">DE-AC06-96RL13200, C.5.3.4, DELIVERABLES</a>	<b>Salary Guidelines Due: Annually</b>			
					Salary Guidelines (2007) Planned: 28 February 2007			

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